

CARNEGIE INSTITUTION OF WASHINGTON
DEPARTMENT OF GENETICS
COLD SPRING HARBOR, LONG ISLAND, N. Y.

April 11, 1947

Professor T. M. Sonneborn
Department of Zoology
Indiana University
Bloomington, Indiana

Dear Sonneborn:

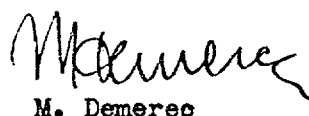
It was very thoughtful of you to write us in connection with our daughter's success. We appreciate it.

I hope that now that we have a method for treating *Drosophila* with chemicals it will be possible to find a number of them to be genetically effective. So far we have satisfactory data showing that dibenzanthracene induces mutations and chromosome breaks. The experiments with methylcholanthrene, benzpyrene, and beta-naphthylamine are suggestive but have not progressed far enough for a final conclusion.

We are very much excited about Dr. Witkin's very suggestive results that desoxycholate and pyronin induce mutations in coli. Both of these chemicals combine readily with nucleic acids.

With best regards,

Sincerely yours,


M. Demerec

MD:af

Sonneborn mss. II
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